

FIG. 1A

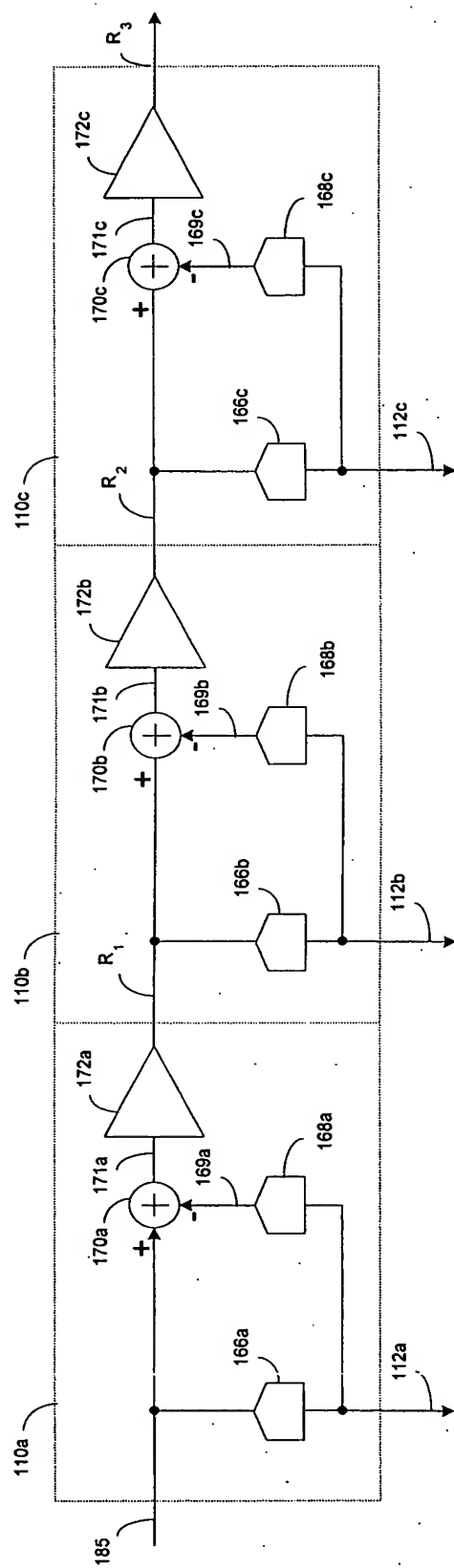
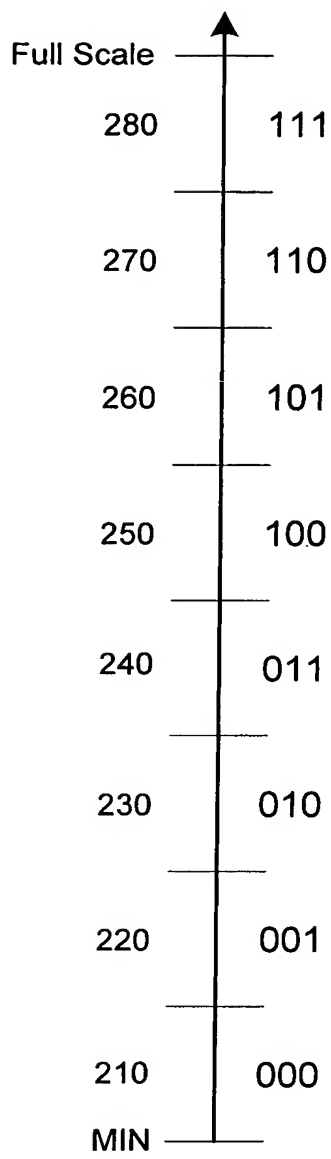


FIG. 1B



200

FIG. 2A

290

Code	Calibration Bits 250
111	001010
110	110010
101	101101
100	000000
011	011000
010	010111
001	000000
000	000000

FIG. 2B

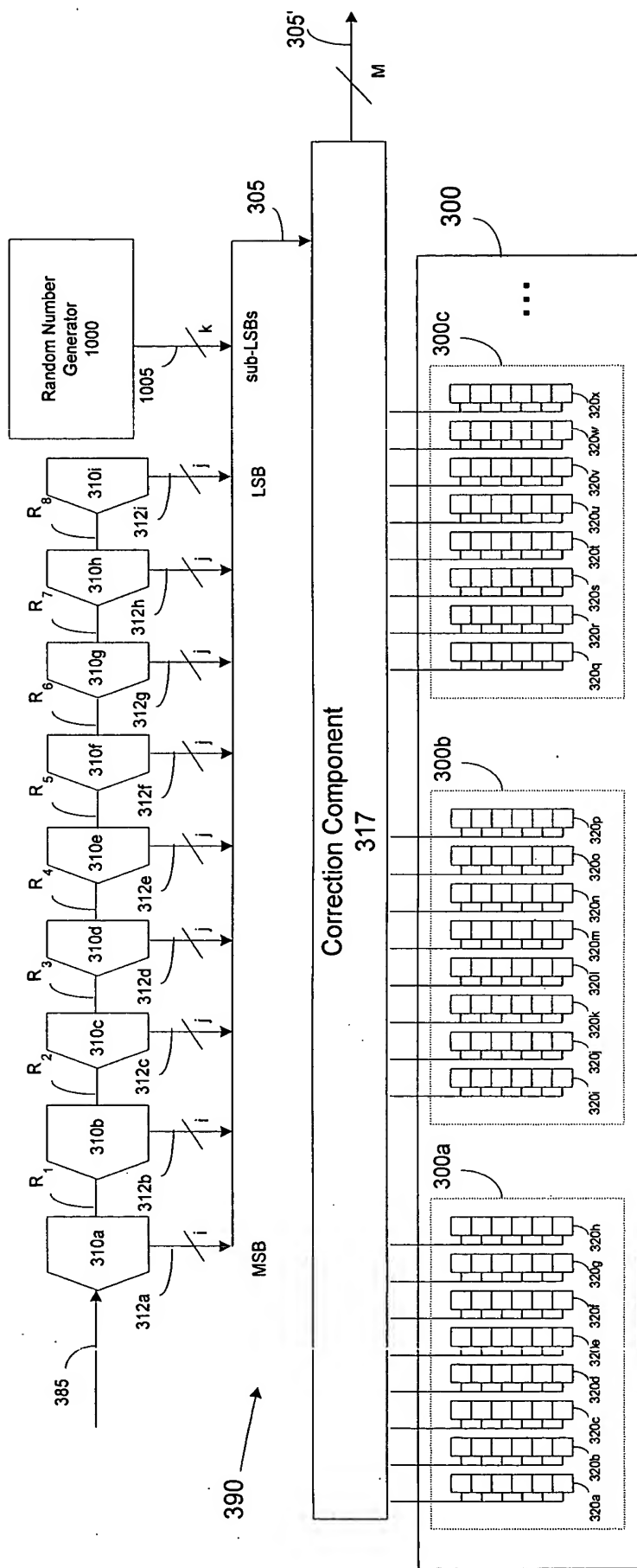


FIG. 3

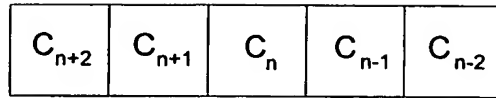


FIG. 4A

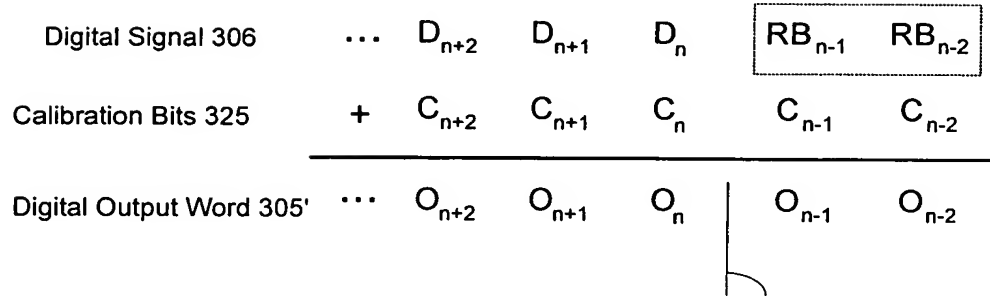


FIG. 4B

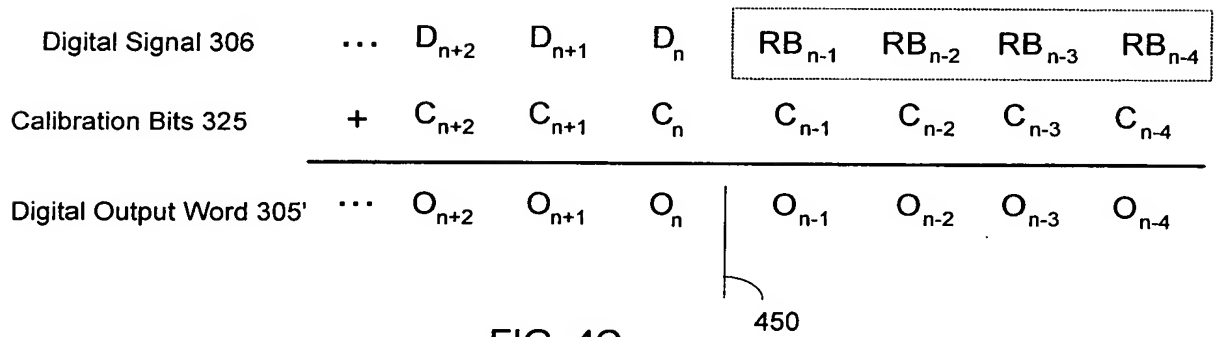


FIG. 4C

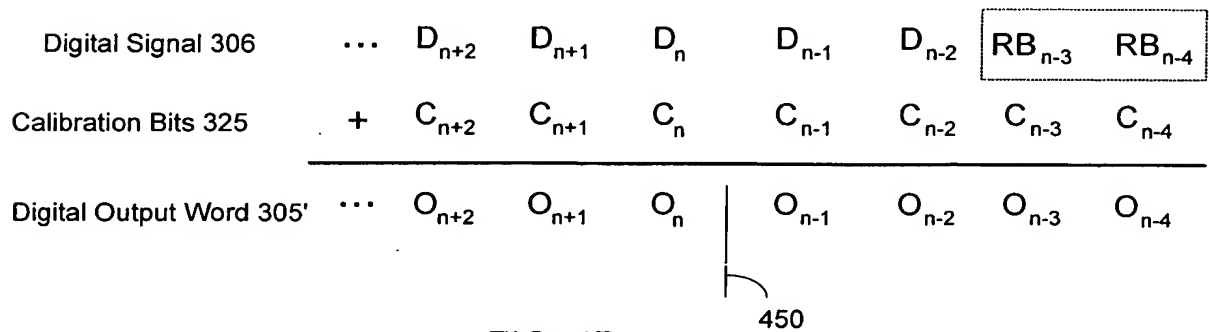
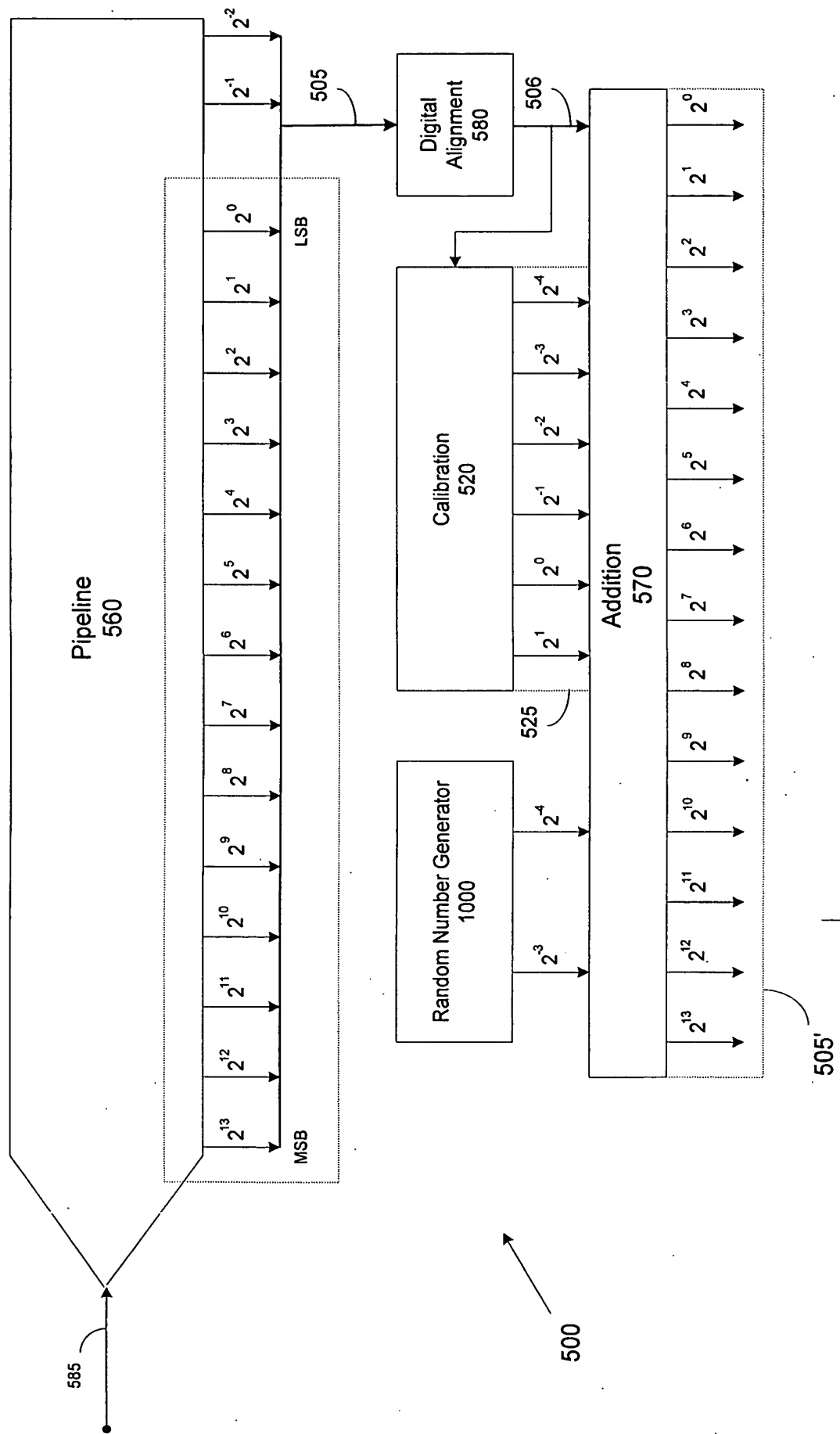


FIG. 4D



690a				690b	
1	2	3	4	1	2
Input to Correction Component				Digital Output	
Digital Output Bits		Random Bits	Calibration	No Calibration	With Calibration
$2^2, 2^1, 2^0$	$2^{-1}, 2^{-2}$	$2^{-3}, 2^{-4}$	$2^{-3}, 2^{-4}$	$2^2, 2^1, 2^0$	$2^2, 2^1, 2^0$
1	111	00		111	111
		01			
		10			
		11			
2	100	00	00		
		01			
		10			
		11			
3	100	00		100	100
		01			
		10			
		11			
4	100	00		100	
		01			
		10			
		11			
5	100	00	01	100	
		01			
		10			
		11			
6	101	00		101	101
		01			
		10			
		11			
				695	
				TRIM	

FIG. 6

690

790a				790b	
1	2	3	4	1	2
Input to Correction Component				Digital Output	
Digital Output Bits		Random Bits	Calibration	No Calibration	With Calibration
$2^2, 2^1, 2^0$	$2^{-1}, 2^{-2}$	$2^{-3}, 2^{-4}$	$2^{-3}, 2^{-4}$	$2^2, 2^1, 2^0$	$2^2, 2^1, 2^0$
1	111	00	01	111	111
		01			
		10			
		11			
2	100	00	01	100	100
		01			
		10			
		11			
3	100	00	01	100	100
		01			
		10			
		11			
4	100	00	10	100	100
		01			
		10			
		11			
5	100	00	10	100	100
		01			
		10			
		11			
6	101	00	10	101	101
		01			
		10			
		11			

795

TRIM

FIG. 7

790

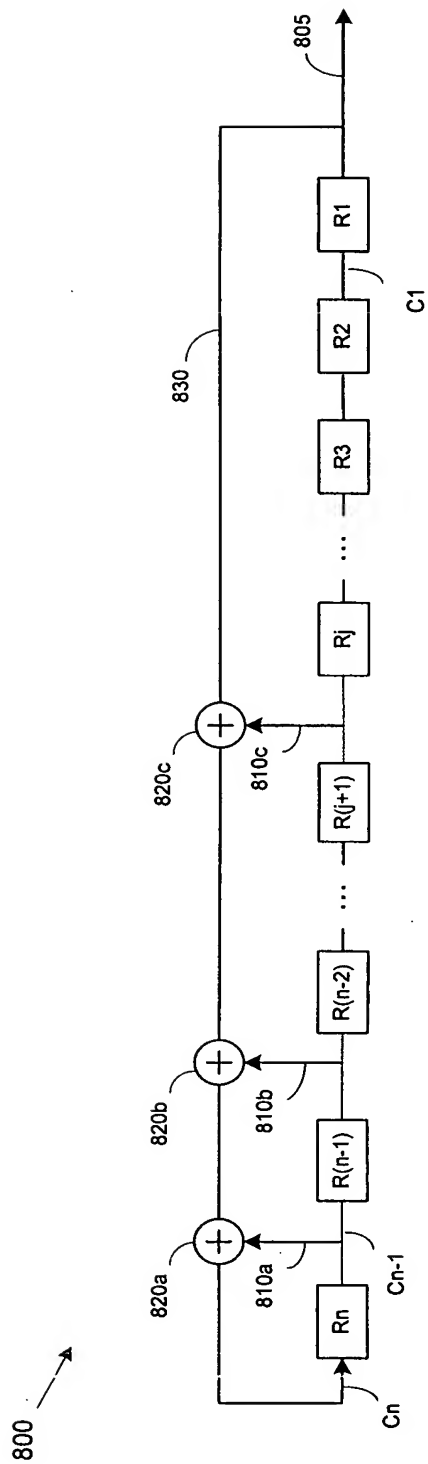


FIG. 8A

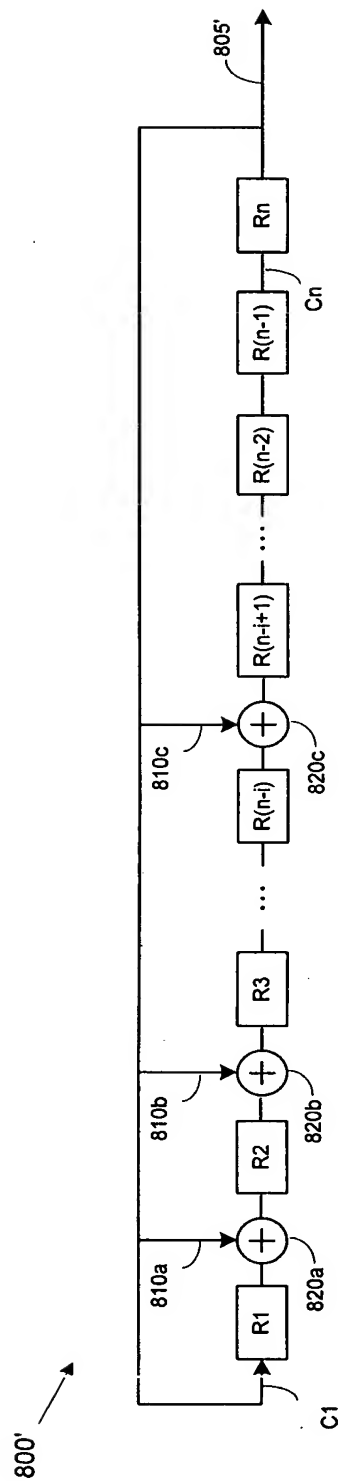


FIG. 8B